John Henry Holland Quotes

Building, Block, Innovation, Action, Agents, Flow, Firsts, Program, Given, Taste, Clear, Inspiration, Art, Should, Each Day, Looking Forward, Views, Complicated, Recycling, Fundamentals

nonlinear interactions almost always make the behavior of the aggregate more complicated than would be predicted by summing or averaging.

~John Henry Holland

Evolution continually innovates, but at each level it conserves the elements that are recombined to yield the innovations.

~John Henry Holland

If we are to understand the interactions of a large number of agents, we must first be able to describe the capabilities of individual agents.

~John Henry Holland

If there is to be a competition, there must be some basis for resolving it. It is also clear that the competition should be experienced based.

~John Henry Holland

The recycling of resource by the aggregate behavior of a diverse array of agents is much more than the sum of the individual actions.

~John Henry Holland

Unwrapping occurs when the "solution" is explicitly built into the program from the start.

~John Henry Holland

Particular individuals do not recur, but their building blocks do.

~John Henry Holland

Looking back to data, we can see if the consequences are plausible; looking forward to theory, we can see if general principles are suggested.

~John Henry Holland

This use of building blocks to generate internal models is a pervasive

feature of complex adaptive systems.

~John Henry Holland

From the point of view of physics, it is a miracle that [seven million New Yorkers are fed each day] without any control mechanism other than sheer capitalism.

~John Henry Holland

The measure of performance of any given agent is the amount of money it accumulates through its actions.

~John Henry Holland

When a new building block is discovered, the result is usually a range of innovations.

~John Henry Holland

The multiplier effect is a major feature of networks and flows. It arises regardless of the particular nature of the resource, be it goods, money, or messages.

~John Henry Holland

Related Links:
- Building Quotes
- Block Quotes
- Innovation Quotes
- Action Quotes
- Agents Quotes
- Flow Quotes
- Firsts Quotes
- Program Quotes
- Given Quotes
- Taste Quotes
- Clear Quotes
- Inspiration Quotes
- Art Quotes
- Should Quotes
- Each Day Quotes
- Looking Forward Quotes
- Views Quotes
- Complicated Quotes
- Recycling Quotes
- Fundamentals Quotes